

## ABSTRACT OF THE DISCLOSURE

5 A method of transferring data through a bus  
includes the steps of: occupying the bus by a first  
device serving as a bus master; transferring a first  
predetermined number of data items of all data items to  
be transferred while the first device is occupying the  
bus; determining if the first predetermined number of  
data items have been transferred; determining if the  
10 first device should release the bus based on whether or  
not there is a request from a second device after it is  
determined that the first predetermined number of data  
items have been transferred; and releasing the bus by the  
first device when it is determined that the first device  
15 should release the bus.

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